R. Mitra.

#11
5/8/02

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/667,380A

DATE: 05/02/2002
TIME: 17:21:26

Input Set : A:\LEX-0042-USA SEQLIST.txt
Output Set: N:\CRF3\05022002\I667380A.raw

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4 <110> APPLICANT: Donoho, Gregory
5 Turner, C. Alexander Jr.
6 Wattler, Frank
7 Nehls, Michael
8 Friedrich, Glenn
9 Zambrowicz, Brian
10 Sands, Arthur T.
12 <120> TITLE OF INVENTION: Novel Human Protease Inhibitor-Like
13 Proteins and Polynucleotides Encoding the Same
16 <130> FILE REFERENCE: LEX-0042-USA
C--> 18 **<140> CURRENT APPLICATION NUMBER: US/09/667,380A**
C--> 18 **<141> CURRENT FILING DATE: 2000-09-22**
18 <150> PRIOR APPLICATION NUMBER: US 60/156,101
19 <151> PRIOR FILING DATE: 1999-09-24
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23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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26 <211> LENGTH: 1491
27 <212> TYPE: DNA
28 <213> ORGANISM: homo sapiens
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33 aacgagtctc actcccgggt ccgcagagcc atccccaggg aggacaagga ggagatcctc     180
34 atgctgcaca acaagcttcg gggccaggtg cagcctcagg cctccaacat ggagtacatg     240
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36 cacgggccca ccagtctgct ggtgtccatc gggcagaacc tgggcgctca ctggggcagg     360
37 tatcgctctc cggggttcca tgtgcagtcc tggtatgacg aggtgaagga ctacacctac     420
38 ccctacccga gcgagtgcaa cccctggtgt ccagagaggt gctcggggcc tatgtgcacg     480
39 cactacacac agatagtttg ggccaccacc aacaagatcg gttgtgctgt gaacacctgc     540
40 cggaagatga ctgtctgggg agaagtttgg gagaacgcgg tctactttgt ctgcaattat     600
41 tctccaaagg ggaactggat tggagaagcc ccctacaaga atggccggcc ctgctctgag     660
42 tgcccaccca gctatggagg cagctgcagg aacaacttgt gttaccgaga agaaacctac     720
43 actccaaaac ctgaaacgga cgagatgaat gaggtggaaa cggctcccat tcctgaagaa     780
44 aaccatgttt ggctccaacc gagggtgatg agacccacca agcccaagaa aacctctgcg     840
45 gtcaactaca tgacccaagt cgtcagatgt gacaccaaga tgaaggacag gtgcaaaggg     900
46 tccacgtgta acaggtacca gtgcccagca ggctgcctga accacaaggc gaagatcttt     960
47 ggaagtctgt tctatgaaag ctcgtctagc atatgccgcg ccgccatcca ctacgggatc    1020
48 ctggatgaca agggaggcct ggtggatatc accaggaacg ggaaggtccc cttcttcgtg    1080
49 aagtctgaga gacacggcgt gcagtccctc agcaaataca aaccttccag ctcattcatg    1140
50 gtgtcaaaag tgaaagtgca ggatttggac tgctacacga ccgttgctca gctgtgcccg    1200
51 tttgaaaagc cagcaactca ctgcccaaga atccattgtc cggcacactg caaagacgaa    1260
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20 25 30
Glu Leu Leu Ser Lys Tyr Gln His Asn Glu Ser His Ser Arg Val Arg
35 40 45
Arg Ala Ile Pro Arg Glu Asp Lys Glu Glu Ile Leu Met Leu His Asn
50 55 60
Lys Leu Arg Gly Gln Val Gln Pro Gln Ala Ser Asn Met Glu Tyr Met
65 70 75 80
Thr Trp Asp Asp Glu Leu Glu Lys Ser Ala Ala Ala Trp Ala Ser Gln
85 90 95
Cys Ile Trp Glu His Gly Pro Thr Ser Leu Leu Val Ser Ile Gly Gln
100 105 110
Asn Leu Gly Ala His Trp Gly Arg Tyr Arg Ser Pro Gly Phe His Val
115 120 125
Gln Ser Trp Tyr Asp Glu Val Lys Asp Tyr Thr Tyr Pro Tyr Pro Ser
130 135 140
Glu Cys Asn Pro Trp Cys Pro Glu Arg Cys Ser Gly Pro Met Cys Thr
145 150 155 160
His Tyr Thr Gln Ile Val Trp Ala Thr Thr Asn Lys Ile Gly Cys Ala
165 170 175
Val Asn Thr Cys Arg Lys Met Thr Val Trp Gly Glu Val Trp Glu Asn
180 185 190
Ala Val Tyr Phe Val Cys Asn Tyr Ser Pro Lys Gly Asn Trp Ile Gly
195 200 205
Glu Ala Pro Tyr Lys Asn Gly Arg Pro Cys Ser Glu Cys Pro Pro Ser
210 215 220
Tyr Gly Gly Ser Cys Arg Asn Asn Leu Cys Tyr Arg Glu Glu Thr Tyr
225 230 235 240
Thr Pro Lys Pro Glu Thr Asp Glu Met Asn Glu Val Glu Thr Ala Pro
245 250 255
Ile Pro Glu Glu Asn His Val Trp Leu Gln Pro Arg Val Met Arg Pro
260 265 270
Thr Lys Pro Lys Lys Thr Ser Ala Val Asn Tyr Met Thr Gln Val Val
275 280 285
Arg Cys Asp Thr Lys Met Lys Asp Arg Cys Lys Gly Ser Thr Cys Asn
290 295 300
Arg Tyr Gln Cys Pro Ala Gly Cys Leu Asn His Lys Ala Lys Ile Phe
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Gly Ser Leu Phe Tyr Glu Ser Ser Ser Ser Ile Cys Arg Ala Ala Ile

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Output Set: N:\CRF3\05022002\I667380A.raw

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105 His Tyr Gly Ile Leu Asp Asp Lys Gly Gly Leu Val Asp Ile Thr Arg
106             340                 345                 350
107 Asn Gly Lys Val Pro Phe Phe Val Lys Ser Glu Arg His Gly Val Gln
108         355                 360                 365
109 Ser Leu Ser Lys Tyr Lys Pro Ser Ser Ser Phe Met Val Ser Lys Val
110     370                 375                 380
111 Lys Val Gln Asp Leu Asp Cys Tyr Thr Thr Val Ala Gln Leu Cys Pro
112 385                 390                 395                 400
113 Phe Glu Lys Pro Ala Thr His Cys Pro Arg Ile His Cys Pro Ala His
114                 405                 410                 415
115 Cys Lys Asp Glu Pro Ser Tyr Trp Ala Pro Val Phe Gly Thr Asn Ile
116             420                 425                 430
117 Tyr Ala Asp Thr Ser Ser Ile Cys Lys Thr Ala Val His Ala Gly Val
118         435                 440                 445
119 Ile Ser Asn Glu Ser Gly Gly Asp Val Asp Val Met Pro Val Asp Lys
120     450                 455                 460
121 Lys Lys Thr Tyr Val Gly Ser Leu Arg Asn Gly Val Gln Ser Glu Ser
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136 ggtgattgga gccctgcgga gagctcaagc gcccagctct gcccsaggag cccaggctgc     180
137 cccgtgagtc ccatagttgc tgcaggagtg gagccatgag ctgcgtcctg ggtggtgtca     240
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139 ctctcttaga ggagctgctc agcaaatacc agcacaacga gtctcactcc cgggtccgca     360
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142 ctgctgcagc gtgggccagt cagtgcatct gggagcacgg gcccaccagt ctgctggtgt     540
143 ccatcgggca gaacctgggc gctcactggg gcaggtatcg ctctccgggg ttccatgtgc     600
144 agtcctggta tgacgaggtg aaggactaca cctaccccta cccgagcgag tgcaacccct     660
145 ggtgtccaga gaggtgctcg gggcctatgt gcacgcacta cacacagata gtttgggcca     720
146 ccaccaacaa gatcggttgt gctgtgaaca cctgccggaa gatgactgtc tggggagaag     780
147 tttgggagaa cgcggtctac tttgtctgca attattctcc aaaggggaac tggattggag     840
148 aagcccccta caagaatggc cggccctgct ctgagtgccc acccagctat ggaggcagct     900
149 gcaggaacaa cttgtgttac cgagaagaaa cctacactcc aaaacctgaa acggacgaga     960
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151 tgatgagacc caccaagccc aagaaaacct ctgcggtcaa ctacatgacc caagtcgtca    1080
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158 caagaatcca ttgtccggca cactgcaaag acgaaccttc ctactgggct ccggtgtttg    1500
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162 ccttccggat ctttgctgtc aggcagtgaa tttccagcac caggggagaa ggggcgtctt    1740
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170 gaagtagaag gtagttattt aaaaataaaa aacacagtcc gtccctacca atagaggaaa    2220
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/667,380A

DATE: 05/02/2002
TIME: 17:21:28

Input Set : A:\LEX-0042-USA SEQLIST.txt
Output Set: N:\CRF3\05022002\I667380A.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date